Note: all refs considered - SRE

FORM PTO-1449	ATTY. DOCKET NO.	SERIAL NO.
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	246/285	To be assigned
(Use several sheets if necessary)	APPLICANT: Salvatore Albani	
	FILING DATE: Filed herewith	GROUP: To be assigned

U.S. PTO 09/756983 01/09/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
SRE	AA	4,400,376	8/23/83	Sanderson	424	88	3/27/80
	AB	4,478,823	10/23/84	Sanderson	424	88	1/10/83
	AC	4,690,915	9/1/87	Rosenberg	514	2	8/8/95
	AD	4,885,172	12/5/89	Bally et al.	424	417	12/15/86
	AE	5,194,253	3/16/93	Garrido	424	78.03	9/8/89
	AF	5,216,132	6/1/93	Basi	530	387.3	1/2/90
	AG	5,283,058	2/1/94	Faustman	424	88	3/19/91
	AH	5,468,481	11/21/95	Sharma et al.	424	125.1	4/14/92
	AI	5,595,881	1/21/97	Kendrick et al.	435	7.21	8/9/94
	AJ	5,635,363	6/3/97	Altman et al.	435	7.24	2/28/95
	AK	5,693,522	12/2/97	Chada et al.	435	2.402	1/11/95
	AL	5,734,023	3/31/98	Nag et al.	530	403	6/7/95
	AM	5,734,023	3/31/98	Nag et al.	530	403	6/7/95
	AN	5,750,356	5/12/98	Spack et al.	435	7.24	5/31/96
	AO	5,756,666	5/26/98	Takiguchi et al.	530	327	10/19/94
	AP	5,763,585	6/9/98	Nag	530	413	4/14/94
	AQ	5,773,570	6/30/98	Carson et al.	424	201.1	3/15/96
	AR	5,776,487	7/7/98	Wilson et al.	424	450	4/19/96
	AS	5,780,319	7/14/98	Maxfield Wilson et al.	422	57	4/19/96
	AT	5,788,963	8/4/98	Murphy et al.	424	93.21	7/31/95
	AU	5,827,516	10/27/98	Urban et al.	424	93.21	6/7/95
	AV	5,834,015	11/10/98	Oleske et al.	424	450	9/11/96
	AW	5,861,290	1/19/99	Goldsmith et al.	435	172.3	10/22/92
	AX	5,876,721	3/2/99	Alexander et al.	424	184.1	10/5/94
	AY	5,880,103	3/9/99	Urban et al.	514	44	6/7/95
SRE	AZ	5,891,689	4/6/99	Takle et al.	435	172.3	4/12/94

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SRE	BA	Abitorabi et al., "Differential expression of homing molecules on recirculating lymphocytes from sheep gut, peripheral, and lung lymph," J. Immunol. 156:3111-3117 (1996)

EXAMINER: Ewoldt	DATE CONSIDERED: 12/17/03

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		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	BB	Albani et al, "Positive selection in autoimmunity: Abnormal immune responses to a bacterial dnaJ antigenic determinant in patients with early rheumatoid arthritis," Nat. Med. 1:448-452 (1995)
	BC	Albani et al., "A multistep molecular mimicry hypothesis for the pathogenesis of rheumatoid arthritis," Immunology Today 17:466-470 (1996)
	BD	Albani et al., "Diagnostic value of a lymphocyte stimulation test in cow milk protein intolerance," Annals of Allergy 63(12):489-492 (1989)
	BE	Alexander et al., "Development of high potency universal DR-restricted helper epitopes by modification of high affinity DR-blocking peptides," Immunity 1:751-761 (1994)
	BF	Altman et al. "Phenotypic analysis of antigen-specific T lymphocytes," Science 274: 94-96 (1996).
	BG	Anderson et al., "Weak peptide agonists reveal functional differences in B7-1 and B7-2 costimulation of human T cell clones," J. Immunol. 159(4):1669-1675 (1997)
	BH	Arimilli et al., "Refolding and reconstitution of functionally active complexes of human leukocyte antigen DR2 and myelin basic protein peptide from recombinant α and β polypeptide chains," Journal of Biological Chemistry 270(2):971-977 (1995)
	BI	Bachmann et al., "Distinct roles for LFA-1 and CD28 during activation of naïve T cells: Adhesion versus costimulation," Immunity 7:549-557 (1997)
	BJ	Barnardo et al., "Allele-specific HLA-B*15 typing by PCR-SSP and its application to four distinct ethnic populations," Tissue Antigens 51(3):293-300 (1998)
	BK	Blotta et al., "Cross-linking of the CD40 ligand on human CD4+ T lymphocytes generates a costimulatory signal that up-regulates IL-4 synthesis," J. Immunol. 156:3133-3140 (1996)
	BL	Bona et al., "Towards development of T-cell vaccines," Immunology Today (March 1998)
	BM	Bonnin et al., "Mucosal modulation of immune responses to heat shock proteins in autoimmune arthritis," Biotherapy 10:213-221 (1998)
	BN	Bonnin et al., "Ontogeny of synonymous T cell populations with specificity for a self-MHC epitope mimicked by a bacterial homologue: an antigen specific T cell analysis in a non-transgenic system," Eur. J. Immunol. (In press) (1999)
	BO	Brian et al., "Allogeneic stimulation of cytotoxic T cells by supported planar membranes," Proc. Natl. Acad. Sci. 81:6159-6163 (1984)
	BP	Buus et al., "Isolation and characterization of antigen-Ia complexes involved in T cell recognition," Cell 47:1071-1077 (1986)
	BQ	Carlsson et al., "Protein thiolation and reversible protein-protein conjugation," Biochem. J. 173:723-737 (1978)
	BR	Clark et al., "Antigen-specific deletion of cloned T cells using peptide-toxin conjugate complexed with purified class II major histocompatibility complex antigen," Journal of Biological Chemistry 269(1):94-99 (1994)
	BS	Crawford et al., "Detection of antigen specific T cells with multivalent soluble class II MHC covalent peptide complexes," Immunity 8:675-682 (1998)
	BT	Demotz, "DR αβ dimers released from complexes with invariant chain fail to stimulate alloreactive T cell clones," Eur. J. Immunology 23:2100-2108 (1993)
	BU	Demotz, "The ligands of the class II major histocompatibility complex-restricted T cells," Chem. Immunol. 57:18-38 (1993)
	BV	Ding et al., "Activation of CD4+ T cells by delivery of the B7 costimulatory signal on bystander antigen-presenting cells (trans-costimulation)," European Journal of Immunology 24(4):859-866 (1994)

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	BW	Dubey et al., "Naïve and effector CD4 T cells differ in their requirements for T cell receptor versus costimulatory signals," J. Immunol. 157:3820-3289 (1996)
	BX	Eberl et al., "A simple mathematical model for the functional peptide/MHC/TCR interactions," Journal of Immunology 154:219-225 (1995)
	BY	Finger et al., "Adhesion through L-selectin requires a threshold hydrodynamic shear," Nature 379:266-269 (1996)
	BZ	Flynn, "CD4 T cell cytokine differentiation: The B cell activation molecule, OX40 ligand, instructs CD4 T cells to express interleukin 4 and upregulates expression of the chemokine receptor, Blr-1," Journal of Experimental Medicine 188(2):297-304 (1998)
	CA	Frumento et al., "Cellular mechanisms of artificial peptides binding to HLA," International Journal of Artificial Organs," 14:518-522 (1991)
	CB	Garboczi et al., "Structure of the complex between human T-cell receptor, viral peptide and HLA-A2," Nature 384:134-141 (1996)
	CC	Garcia et al., "Structural basis of plasticity in T cell receptor recognition of a self peptide-MHC antigen," Science 279:1166-1172 (1998)
	CD	Gaur et al., "Amelioration of relapsing experimental autoimmune encephalomyelitis with altered myelin basic protein peptides involves different cellular mechanisms," J. of Neuroimmunol. 74:149-158 (1997)
	CE	Gay et al., "The major histocompatibility complex-restricted antigen receptor on T cells," Journal of Immunology 136(6):2026-2032 (1986)
	CF	Gimmi et al., "Human T-cell clonal anergy is induced by antigen presentation in the absence of B7 costimulation," Proc. Natl. Acad. Sci. 90:6586-6590 (1993)
	CG	Grakoui et al., "The immunological synapse: A molecular machine controlling T cell activation," Science 285:221-227 (1999)
	CH	Greten et al., "Direct visualization of antigen-specific T cells: HTLV-1 Tax11-19 specific CD8+ T cells are actvated in peripheral blood and accumulate in cerebrospinal fluid from HAM/TSP patients," Proc. Natl. Acad. Sci. 95:7568-7573 (1998)
	CI	Hakamada-Taguchi et al., "Expression and co-stimulatory function of B7-2 on murine $CD4^+$ T cells," European Journal of Immunology 28:865-873 (1998)
	CJ	Hamad et al., "Potent T cell activation with dimeric peptide-major histocompatibility complex class II ligand: The role of CD4 coreceptor," J. Exp. Med. 9:1633-1640 (1998)
	CK	Harder et al., "Lipid domain structure of the plasma membrane revealed by patching of membrane components," Journal of Cell Biology 141:929-942 (1998)
	CL	Hayden et al., "Costimulation by CD28 sFv expressed on the tumor cell surface or as a soluble bispecific molecule targeted to the L6 carcinoma antigen," Tissue Antigens 48:242-254 (1996)
	CM	Holmgren et al., "Interaction of cholera toxin and membrane G_{M1} ganglioside of small intestine," Proc. Natl. Acad. Sci. 72:2520-2524 (1975)
	CN	Huby et al., "Intracellular phosphotyrosine induction by major histocompatibility complex class II requires co-aggregation with membrane rafts," Journal of Biological Chemistry 274:22591-22596 (1999)
	CO	Hunt et al., "Peptides presented to the immune system by the murine class II major histocompatibility complex molecule $I\text{-}A^d$," Science 256:1817-1820 (1992)
	CP	Ignatowicz et al., "The repertoire of T cells shaped by a single MHC/peptide ligand," Cell 84:521-529 (1996)

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SRE	CQ	Jameson et al., "Positive selection of thymocytes," Ann. Rev. Immunol. 13:93-126 (1995)
	CR	Janeway, "Ligands for the T cell receptor: hard times for avidity models," Immunology Today 16(5):223-225 (1995)
	CS	Kirberg et al., "Peripheral T cell survival requires continual ligation of the T cell receptor to major histocompatibility complex-encoded molecules," J. Exp. Med. 186(8):1269-1275 (1997)
	CT	Kitagawa et al., "Enzyme coupled immunoassay of insulin using a novel coupling reagent," J. Biochem. 79:233-236 (1976)
	CU	Kurosky et al., "Covalent structure of the β chain of cholera enterotoxin," Journal of Biological Chemistry 252:7257-7264 (1977)
	CV	La Cava et al., "Genetic bias in immune response to a cassette shared by different microorganisms in patients with rheumatoid arthritis," J. Clin. Invest. 100:658-663 (1997)
	CW	Lai, "Determination of the primary structure of cholera toxin B subunit," Journal of Biological Chemistry 252:7249-7256 (1977)
	CX	Lehmann et al., "Spreading of T-cell autoimmunity to cryptic determinants of an autoantigen," Nature 358(6382):155-157 (1992)
	CY	Lessin et al., "Molecular diagnosis of cutaneous T-cell lymphoma: Polymerase chain reaction amplification of T-cell antigen receptor β-chain gene rearrangements," J. Invest. Dermatol. 96:299-302 (1991)
	CZ	Luxembourg et al., "Biomagnetic isolation of antigen-specific CD8+ T cells usable in immunotherapy," Nature Biotech. 16:281-285 (1998)
	DA	Marsh, D.A., In: CRC Handbook of Lipid bilayers, pp 163-168, CRC Press, Boca Raton, FL. (1990)
	DB	Marti et al., "Induction of antigen-presenting capacity in tumor cells upon infection with non-replicating recombinant vaccinia virus encoding murine MHC class II and costimulatory molecules," Journal of Immunological Methods 200:191-198 (1997)
	DC	Martini et al., "Recurrent juvenile dermatomyositis and cutaneous necrotizing arteritis with molecular mimicry between streptococcal type 5M protein and human skeletal myosin," J. Peds. 121:739-742 (1992)
	DD	McConnell et al., "Stimulation of T cells by antigen-presenting cells is kinetically controlled by antigenic peptide binding to major histocompatibility complex class II molecules," Proc. Natl. Acad. Sci. 92:2750-2754 (1995)
	DE	McRae, "Functional evidence for epitope spreading in the relapsing pathology of experimental autoimmune encephalomyelitis," Journal of Experimental Medicine 182:75-85 (1995)
	DF	Merritt et al., "Crystal structure of cholera toxin B-pentamer bound to receptor G_{M1} pentasaccharide," Protein Science 3:166-175 (1994)
	DG	Mitsunaga et al., "A nested PCR-RFLP method for high-resolution typing of HLA-A alleles," Eur. J. Immunogenet. 25(1):15-27 (1998)
	DH	Miyazaki et al., "Mice lacking H2-M complexes, enigmatic elements of the MHC class II peptide-loading pathway," Cell 84:531-541 (1996)
	Di	Murali-Krishna et al., "Counting antigen-specific CD8 T cells: A reevaluation of bystander activation during viral infection," Immunity 8:177-187 (1998)
	DJ	Murray, "How the MHC selects Th1/Th2 immunity," Immunology Today 19(4) (1998)
SRE	DK	Nag et al., "Antigen-specific stimulation of T cell extracellular acidification by MHC class II-peptide complexes," Journal of Immunology 148:2040-2044 (1992)

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	DL	Nag et al., "Cloned T cells internalize peptide from bound complexes of peptide and purified class II major histocompatibility complex antigen," Journal of Biological Chemistry 268(19):14360-14366 (1993)
	DM	Nag et al., "Functionally active recombinant α and β chain-peptide complexes of human major histocompatibility class II molecules," Journal of Biological Chemistry 271(17):10413-10418 (1996)
	DN	Nag et al., "Intramolecular charge heterogeneity in purified major histocompatibility class II α and β polypeptide chains," Journal of Biological Chemistry 269(13):10061-10070 (1994)
	DO	Nag et al., "N-Linked oligosaccharides of murine major histocompatiblity complex class II molecule," Journal of Biological Chemistry 267(31):22624-22629 (1992)
	DP	Nag et al., "Purified β-chain of MHC class II binds to CD4 molecules on transfected HeLa cells," Journal of Immunology 150:1358-1364 (1994)
	DQ	Nag et al., "Separation of complexes of major histocompatibility class II molecules and known antigenic peptide by metal chelate affinity chromatography," Journal of Immunological Methods 169:273-285 (1994)
	DR	Nag et al., "Stimulation of T cells by antigenic peptide complexed with isolated chains of major histocompatibility complex class II molecules," Proc. Natl. Acad. Sci. USA 90:1604-1608 (1993)
	DS	Nag et al., "The role of N-linked oligosaccharides of MHC class II antigens in T cell stimulation," Journal of Immunological Methods 172:95-104 (1994)
	DT	Nag et al., "In vitro maximum binding of antigenic peptides to murine MHC class II molecules does not always take place at the acidic pH of the in vivo endosomal compartment," J. Immunol. 148:369-372 (1992)
	DU	Ogg et al., "Quantitation of HIV-1-specific cytotoxic T lymphocytes and plasma load of viral RNA," Science 279:2103-2108 (1998)
	DV	Peterson, "A simplification of the protein assay method of Lowry et al. which is more generally applicable," Anal. Biochem. 83:346-356 (1977)
	DW	Rao et al., "A trivalent system from vancomycin D-Ala-D-Ala with higher affinity than avidin-biotin," Science 280:708-711 (1998)
	DX	Rosenberg et al., "Observations on the systemic administration of autologous lymphokine-activated killer cells and recombinant interleukin-2 to patients with metastatic cancer," N. Engl. J. Med. 313:1485-1492 (1985)
	DY	Rosenberg et al., "Use of tumor-infiltrating lymphocytes and interleukin-2 in the immunotherapy of patients with metastatic melanoma," N. Engl. J. Med. 319:1676-1680 (1988)
	DZ	Rothenberg, "How T cells count," Science 273:78-79 (1996)
	EA	Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991)
	EB	Sebzda et al., "Positive and negative thymocyte selection induced by different concentrations of a single peptide," Science 263:1615-1618 (1994)
	EC	Sette et al., "Effect of pH on MHC class II-peptide interactions," J. Immunol. 148:844-851 (1992)
	ED	Sette, Annals of the New York Academy of Sciences 86:3296-3300
	EE	Sharma et al., "Antigen-specific therapy of experimental allergic encephalomyelitis by soluble class II major histocompatibility complex-peptide complexes," Proc. Natl. Acad. Sci. 11465-11469 (1991)
	EF	Solbach et al., "Lymphocytes play the music but the macrophage calls the tune," Immunology Today 12(1):4-6 (1991)

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	EG	Spack et al., "Induction of tolerance in experimental autoimmune myasthenia gravis with solubilized MHC class II: Acetylcholine receptor peptide complexes," Journal of Autoimmunity 8:787-807 (1995)
	EH	Spinozzi et al., "Local expansion of allergen-specific CD30$^+$Th2-Type γδ T cells in bronchial asthma," Mol. Med. 1(7):821-826 (1995)
	EI	Tang et al., "Blockade of CD40-CD40 ligand pathway induces tolerance in murine contact hypersensitivity," European Journal of Immunology 27:3143-3150 (1997)
	EJ	Tietz et al., "CD4$^+$ T cells migrate into inflamed skin only if they express ligands for E- and P-Selectin," J. Immunol. 161:963-970 (1998)
	EK	Tivol et al., "Costimulation and autoimmunity," Current Opinion in Immunology 8:822-830 (1996)
	EL	Van Rensen et al., "Liposomes with incorporated MHC class II/peptide complexes as antigen-presenting vesicles for T cell activation." Pharm. Res 16(2):198-204 (1999)
	EM	Viola et al., "T cell activation determined by T cell receptor number and tunable thresholds," Science 273:104-106 (1996)
	EN	Viola et al., "T lymphocyte costimulation mediated by reorganization of membrane microdomains," Science 283:680-682 (1999)
	EO	Voorter et al., "High-resolution HLA typing for the DQB1 gene by sequence-based typing," Tissue Antigens 51(1):80-87 (1998)
	EP	Walden et al., "Major histocompatibility complex-restricted and unrestricted activation of helper T cell lines by liposome-bound antigens," J. Mol. Cell. Immunol 2:191-197 (1986)
	EQ	Ward et al., "Biophysical and structural studies of TCRs and ligands: Implications for T cell signaling," Curr. Op. Immunol. 9:97-106 (1997)
	ER	Watts et al., "Antigen presentation by supported planar membranes containing affinity-purified I-A^d," Proc. Natl. Acad. Sci. 81:7564-7568 (1984)
	ES	Witt et al., "Antigenic peptide binding to the mouse major histocompatibility complex class II protein I-E^k. Peptide stabilization of the quaternary structure of I-E^k," J. Am. Chem. Soc. 114:3506-3511 (1992)
	ET	Wulfing et al., "A receptor/cytoskeletal movement triggered by costimulation during T cell activation," Science 2266-2269 (1998)
	EU	Zhong et al., "Evidence that binding site occupancy is necessary and sufficient for effective major histocompatibility complex (MHC) class II transport through the secretory pathway redefines the primary function of class II-associated invariant chain peptides (CLIP)," J. Exp. Med. 284:2061-2066 (1996)

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